

NPDES Order No. CAS _____
Tier I Small LUP
SWPPP

NOI WDID NO. _____

A. Discharger Information	
Company Name:	Address: County: _____
Contact Name:	Phone Number:
B. Duly Authorized Representative	
Name:	Address:
Contact Name:	Phone Number:
C. Project Information	
Project Name/Reference:	LCAN Submitted on: ____/____/____ Copy of LCAN Attached: <input type="checkbox"/> Yes
Project Type: <input type="checkbox"/> Above Ground <input type="checkbox"/> Below Ground <input type="checkbox"/> Electric <input type="checkbox"/> Gas <input type="checkbox"/> Communication <input type="checkbox"/> Water/Sewer <input type="checkbox"/> Cable <input type="checkbox"/> Other: _____	Actual Construction Dates: Begin ____/____ End ____/____ Rainy Season Dates: Begin ____/____ End ____/____
Project Description:	
D. Project Details – Provide Information in this Section only when the data is different from that provided in the LCAN	
1. Total Linear Distance of Project (miles): Percent Area of project to occur on paved surface (%): Land area to be disturbed by construction activities (acres:)	2. Thomas Brothers Coordinates; and/ or USGS Coordinates or Latitude/Longitude: 3. Is there a direct discharge to this-a waterbody? Yes__ No__ - If yes, Receiving Water Name: _____ If yes, is the Receiving Water on the list in Attachment 7? Yes__ No__
4. Are there any known areas with pre-existing soil contamination? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, notify the appropriate local, state or federal agency(ies) and RWQCB.	5. Soil stabilization BMPs will be installed at this project. <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, location of stabilization BMPs are shown on construction drawings and monitoring of BMPs will continue until adequate stabilization is achieved in accordance with Section A.8 of the NPDES Order No. CAS _____
6. <input type="checkbox"/> A list of contractors conducting construction activities at the site is attached.	7. <input type="checkbox"/> Other Plans that are incorporated by reference to the SWPPP are attached. These are: _____ _____

E. Qualified Person(s) Table:			
Job Responsibility	Name	Telephone Number	Pager/ Cell Number
Project/Job Storm Water Compliance			
Project Manager/Job Foreman			
Inspections			
Sampler			
Laboratory			

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F. SWPPP BMPs and Drawings	
1. <input type="checkbox"/> All construction activities and associated BMPs have been identified in Table 1 and will be implemented at the start of construction activities. Table 1 has been prepared using Table 2, Construction Activity and BMP Reference as a reference guide.	2. <input type="checkbox"/> <u>The SWPPP will include a construction drawing or other appropriate drawing/map showing the locations of storm drain inlets and waterbodies that may receive discharges from the construction activities and will show locations of BMPs to be installed for all those that can be illustrated on the drawing/map. If storm drain inlets, waterbodies, and/ or BMPs cannot be adequately shown on the drawing/map they will be described in detail within the SWPPP for all BMPs to be implemented during the course of the small LUP. This will include all BMPs to be implemented during active construction and after construction activities have been completed. A is attached to the SWPPP. The drawing/map also s the A construction drawing or appropriate drawing or map showing the location of storm drain inlets, waterbodies and location of BMPs is attached.</u>

G. SWPPP Provisions

1. The SWPPP must be maintained and kept up to date. Revisions are to be initialed and dated.
2. ~~The SWPPP shall be available on site during working hours while construction activity is occurring and must be made available upon request.~~ The SWPPP shall be available at the construction site during working hours while construction is occurring and shall be made available upon request. When the original SWPPP is retained by a crewmember in a construction vehicle and is not currently at the construction site, copies of the BMPs and map/drawing will be left with the field crew and the original SWPPP shall be made available via a request by radio/telephone.
3. Individuals identified in the Qualified Persons Table are responsible for SWPPP preparation, revision, amendments, implementation, permit compliance, and installation, inspection, maintenance and repair of BMPs and are trained and qualified to perform their tasks. Records of their training are ☐ attached to this SWPPP or ☐ retained in Company records and will be made available upon request.
4. When soil contamination is found or suspected the soils will be sampled and tested to ensure proper handling and public safety measures are implemented. The appropriate local, state or federal agency(ies) and RWQCB will be notified when contaminated soil is found at the construction site.

H. MONITORING AND REPORTING PROGRAM:

1. All inspections will be conducted by qualified personnel as identified in the Qualified Person Table above.
2. Inspections will be conducted at the appropriate level to protect water quality at all times throughout the project.
3. Daily visual inspections will be conducted daily during working hours in conjunction with other daily activities to verify:
 - a. Proper BMPs for storm water and non-storm water are being implemented and in place during active construction, and Project excavations are closed, with road surfaces cleaned of excavated material, stockpiled soil or material adequately covered and construction materials such as chemicals either removed or stored in protective storage containers at the end of the construction day, and
 - b. Land areas disturbed during construction are returned to pre-construction conditions or equivalent protection at the end of each workday to eliminate or minimize erosion and the possible discharge of sediment or other pollutants during a rain event.
4. Inspection programs are required for Tier I projects where temporary and permanent stabilization BMPs are installed and are to be monitored after active construction is completed. Inspection activities will continue until adequate permanent stabilization has been established, and in areas where revegetation is chosen, until minimum vegetative coverage has been established in accordance with Section A.8 of the General Permit.
5. Sampling and Analysis Program
 - a. The sampling and analysis program provided in Attachment A will be implemented for non-visible pollutants.
 - b. ☐ This site discharges directly to a waterbody impaired for ☐ Sedimentation ☐ Siltation ☐ Turbidity. The sampling and analysis program provided in Attachment B shall be implemented. (Note: Discharges that flow through tributaries that are not listed in Attachment 7 or that flow into Municipal Separate Storm Sewer Systems [MS4] are not subject to these sampling and analysis requirements)

I. CERTIFICATION

NPDES Order No. CAS _____
Tier I Small LUP
SWPPP

NOI WDID NO. _____

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, to the best of my knowledge and belief, the information submitted is, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Printed Name: _____

Signature: _____ Date: _____

Title: _____

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Tier I Small LUP SWPPP

**Sampling and Analysis Program for
Non-Visible Pollutants**

1. Sampling for non-visible pollutants that are not visually detectable in storm water discharges will occur in accordance with this plan when:
 - Pollutants associated with construction activities are discharged with storm water runoff due to a spill or in the event there was a breach, malfunction, failure and/or leak of any BMP and the site is not adequately cleaned of materials and pollutants before the rain event, or
 - BMPs were not implemented before the rain event occurred, or
 - Findings from the daily visual observations determined there is a need to collect samples.
2. Pollutants to be analyzed for, are ~~the~~ those pollutants associated with the construction activity or material suspected of being discharged.
3. Samples will be collected at the discharge locations which drain the areas identified by the visual observations and which can be safely accessed.
4. Samples will be collected by personnel trained in water quality sampling procedures.
5. A sample of uncontaminated runoff (i.e., runoff that has not come in contact with the disturbed soil or the materials stored or used on-site) will be collected for comparison with the discharge sample.
6. Samples will be collected during the first two hours of discharge from rain events that occur during daylight hours and which generate runoff.
7. Samples collected will be analyzed for those pollutants identified through items 1 and 2 above. Sample analysis may include, but are not limited to pH, specific conductance, dissolved oxygen, conductivity, salinity, and TDS, as applicable. Samples may be analyzed through field analysis or laboratory analysis.
 - ☐ The sample(s) taken from the discharge will be compared to the samples of runoff from the uncontaminated site to establish if non-visible pollutants are being discharged from the construction site at levels significantly greater than found in the sample from the uncontaminated site.
8. For laboratory analysis, all sampling, sample preservation, and analyses will be conducted according to test procedures under 40 CFR Part 136.
9. Field samples will be collected and analyzed according to the specifications of the manufacturer of the sampling devices employed. Portable meters will be calibrated according to manufacturer's specification.
10. All field and/or analytical data will be kept with the SWPPP, ~~and will remain on the construction site or with construction personnel during working hours while construction is occurring~~

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**Sampling and Analysis Program for
Sediment/Siltation/Turbidity**

1. Sampling and analysis parameters and procedures are designed to determine that BMPs are installed and maintained to prevent discharges of sediment from contributing to impairment in receiving waters.
2. Storm water discharges from this project discharge directly to _____, a waterbody segment that is listed on the SWRCB's 303(d) list as impaired for ☐ sedimentation, ☐ siltation, ☐ turbidity.

~~a.3.~~ Samples collected will be analyzed for:

- ☐ Samples from waters impaired by sedimentation or siltation will be analyzed for Settleable Solids (ml/l) and Total Suspended Solids (mg/l). Alternatively or in addition, samples may be analyzed for suspended sediment concentration according to ASTM D3977-97.
- ☐ Samples from waters impaired by turbidity will be analyzed for turbidity (NTU).

~~b.4.~~ Samples will be collected during rain events that result a direct discharge, as follows:

- during the first two hours of discharge;
- during daylight hours (sunrise to sunset);
- no more than four (4) samples per month will be collected;
- all samples will be taken in the receiving waters and will be representative of the prevailing conditions of the water bodies;
- samples will be collected from safely accessible locations (a) upstream of the construction site discharge and (b) immediately downstream from the last point of discharge;
- Sampling can be discontinued in non-active construction areas where soil-disturbing activities have been completed and ~~permanent-final~~ stabilization has been ~~established, and in areas where revegetation is chosen, until minimum vegetative coverage has been established in accordance with Section A.8 of the General Permit has been~~ achieved (e.g., the trench has been paved, substructures have been installed and successful final vegetative cover or other stabilization criteria have been met.).

~~e.5.~~ For laboratory analysis, all sampling, sample preservation, and analyses will be conducted according to test procedures under 40 CFR Part 136.

~~d.6.~~ Field samples will be collected and analyzed according to the specifications of the manufacturer of the sampling devices employed. Portable meters will be calibrated according to manufacturer's specification.

7. All field and/or laboratory analytical data will be kept with the SWPPP. ~~that is to remain at the construction site or with construction personnel during working hours while construction is occurring.~~

NPDES Order No. CAS_____

TABLE 1¹
Tier I LUP SWPPP
Construction Activities and BMP Identification Table

BMP Reference ³		Alternative BMP Description	Typical Construction Activities Conducted at Small LUP Sites ²															Additional Activities Not Listed	
			Grading	Trenching/ Excavation	Stockpiling	Drilling/ Boring	Concrete/ Asphalt Sawcutting	Concrete Work (e.g., sidewalks, foundations)	Paving	Conduit/ Pipe Installation	Wire/ Cable/ Connector Installation	Substructure/ Pad installation	Equipment Installation	Site Housekeeping	Vehicle/ Equipment Maintenance & Fueling	Hazardous Substance Management	Dewatering Notify the appropriate local, state or federal agency(ies) and RWQCB when contaminated soil is found at a construction site		
Sediment Pollution Prevention Control BMPs																			
1-01	Scheduling																		
1-02	Silt Fence																		
1-03	Fiber Rolls																		
1-04	Gravel Bag Berm																		
1-05	Sandbag Barrier																		
1-06	Storm Drain Inlet Protection																		
1-07	Tracking Controls																		
1-08	Stockpile Management																		
	Other-User Defined																		

1

¹ To complete this table please reference SWPP Instructions pages 3 and 4 and Section A.6 of the General Permit.² At least one or more BMPs must be identified for each activity conducted at a construction site. Reference Table 2 to determine BMPs applicable to the activity being conducted. See SWPPP Instructions pages 3 and 4 if an activity or BMP are not listed.³ Attachment 6 “BMP Fact Sheets” provides descriptions and details for each BMP listed in Tables 1.

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TABLE 1¹
Tier I LUP SWPPP
Construction Activities and BMP Identification Table

<u>BMP Reference</u> ³	<u>Alternative BMP Description</u>	Typical Construction Activities Conducted at Small LUP Sites ²															Additional Activities Not Listed	
		Grading	Trenching/ Excavation	Stockpiling	Drilling/ Boring	Concrete/ Asphalt Sawcutting	Concrete Work (e.g., sidewalks, foundations)	Paving	Conduit/ Pipe Installation	Wire/ Cable/ Connector Installation	Substructure/ Pad installation	Equipment Installation	Site Housekeeping	Vehicle/ Equipment Maintenance & Fueling	Hazardous Substance Management	Dewatering Notify the appropriate local, state or federal agency(ies) and RWQCB when contaminated soil is found at a construction site		
	Other-User Defined																	
	Other-User Defined																	
Waste Management and Material Pollution Prevention Control BMPs																		
2-01	Material Delivery and Storage																	
2-02	Material Use																	
2-03	Spill Control																	
2-04	Solid Waste Management																	
2-05	Hazardous Materials/Waste																	

¹ To complete this table please reference SWPP Instructions pages 3 and 4 and Section A.6 of the General Permit.

² At least one or more BMPs must be identified for each activity conducted at a construction site. Reference Table 2 to determine BMPs applicable to the activity being conducted. See SWPPP Instructions pages 3 and 4 if an activity or BMP are not listed.

³ Attachment 6 “BMP Fact Sheets” provides descriptions and details for each BMP listed in Tables 1.

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			Grading	Trenching/ Excavation	Stockpiling	Drilling/ Boring	Concrete/ Asphalt Sawcutting	Concrete Work (e.g., sidewalks, foundations)	Paving	Conduit/ Pipe Installation	Wire/ Cable/ Connector Installation	Substructure/ Pad installation	Equipment Installation	Site Housekeeping	Vehicle/ Equipment Maintenance & Fueling	Hazardous Substance Management	Dewatering Notify the appropriate local, state or federal agency(ies) and RWQCB when contaminated soil is found at a construction site	
	Management																	
2-06	Contaminated Soil Management														X	X		
2-07	Sanitary/Septic Waste Management																	
2-08	Liquid Waste Management																	
	Other-User Defined																	
	Other-User Defined																	

¹ To complete this table please reference SWPP Instructions pages 3 and 4 and Section A.6 of the General Permit.

² At least one or more BMPs must be identified for each activity conducted at a construction site. Reference Table 2 to determine BMPs applicable to the activity being conducted. See SWPPP Instructions pages 3 and 4 if an activity or BMP are not listed.

³ Attachment 6 “BMP Fact Sheets” provides descriptions and details for each BMP listed in Tables 1.

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TABLE 1¹
Tier I LUP SWPPP
Construction Activities and BMP Identification Table

<u>BMP Reference³</u>	<u>Alternative BMP Description</u>	Typical Construction Activities Conducted at Small LUP Sites ²															Additional Activities Not Listed	
		Grading	Trenching/ Excavation	Stockpiling	Drilling/ Boring	Concrete/ Asphalt Sawcutting	Concrete Work (e.g., sidewalks, foundations)	Paving	Conduit/ Pipe Installation	Wire/ Cable/ Connector Installation	Substructure/ Pad installation	Equipment Installation	Site Housekeeping	Vehicle/ Equipment Maintenance & Fueling	Hazardous Substance Management	Dewatering Notify the appropriate local, state or federal agency(ies) and RWQCB when contaminated soil is found at a construction site		
Other-User Defined																		
Non-Storm Water Discharge Pollution Prevention Control BMPs																		
3-01	Dewatering Operations															X		
3-02	Paving Operations																	
3-03	Vehicle and Equipment Cleaning																	
3-04	Vehicle & Equipment Fueling																	
3-05	Concrete/Coring/Sawcutting and Drilling Waste Management																	
3-06	Dewatering Utility Substructures and Vaults																	

¹ To complete this table please reference SWPP Instructions pages 3 and 4 and Section A.6 of the General Permit.

² At least one or more BMPs must be identified for each activity conducted at a construction site. Reference Table 2 to determine BMPs applicable to the activity being conducted. See SWPPP Instructions pages 3 and 4 if an activity or BMP are not listed.

³ Attachment 6 “BMP Fact Sheets” provides descriptions and details for each BMP listed in Tables 1.

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TABLE 1¹
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<u>BMP Reference</u> ³		<u>Alternative BMP Description</u>	Typical Construction Activities Conducted at Small LUP Sites ²															Additional Activities Not Listed	
			Grading	Trenching/ Excavation	Stockpiling	Drilling/ Boring	Concrete/ Asphalt Sawcutting	Concrete Work (e.g., sidewalks, foundations)	Paving	Conduit/ Pipe Installation	Wire/ Cable/ Connector Installation	Substructure/ Pad installation	Equipment Installation	Site Housekeeping	Vehicle/ Equipment Maintenance & Fueling	Hazardous Substance Management	Dewatering Notify the appropriate local, state or federal agency(ies) and RWQCB when contaminated soil is found at a construction site		
3-07	Vegetation Management including Mechanical and Chemical Weed Control																		
3-08	Over-Water Protection																		
3-09	Removal of Utility Location/Mark-Out Paint																		
	Other-User Defined																		
	Other-User Defined																		

¹ To complete this table please reference SWPP Instructions pages 3 and 4 and Section A.6 of the General Permit.

² At least one or more BMPs must be identified for each activity conducted at a construction site. Reference Table 2 to determine BMPs applicable to the activity being conducted. See SWPPP Instructions pages 3 and 4 if an activity or BMP are not listed.

³ Attachment 6 “BMP Fact Sheets” provides descriptions and details for each BMP listed in Tables 1.

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			Grading	Trenching/ Excavation	Stockpiling	Drilling/ Boring	Concrete/ Asphalt Sawcutting	Concrete Work (e.g., sidewalks, foundations)	Paving	Conduit/ Pipe Installation	Wire/ Cable/ Connector Installation	Substructure/ Pad installation	Equipment Installation	Site Housekeeping	Vehicle/ Equipment Maintenance & Fueling	Hazardous Substance Management	Dewatering Notify the appropriate local, state or federal agency(ies) and RWQCB when contaminated soil is found at a construction site		
	Other-User Defined																		
Erosion Control and Soil Stabilization Pollution Prevention Control BMPs																			
4-01	Preservation of Existing Vegetation																		
4-02	Temporary Soil Stabilization																		
4-03	Hydraulic Mulch																		
4-04	Hydroseeding																		
4-05	Soil Binders																		
4-06	Straw Mulch																		
4-07	Geotextiles, Plastic Covers and Erosion Control Blankets/Mats																		

¹ To complete this table please reference SWPP Instructions pages 3 and 4 and Section A.6 of the General Permit.

² At least one or more BMPs must be identified for each activity conducted at a construction site. Reference Table 2 to determine BMPs applicable to the activity being conducted. See SWPPP Instructions pages 3 and 4 if an activity or BMP are not listed.

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<u>BMP Reference</u> ³		<u>Alternative BMP Description</u>	Typical Construction Activities Conducted at Small LUP Sites ²															Additional Activities Not Listed	
			Grading	Trenching/ Excavation	Stockpiling	Drilling/ Boring	Concrete/ Asphalt Sawcutting	Concrete Work (e.g., sidewalks, foundations)	Paving	Conduit/ Pipe Installation	Wire/ Cable/ Connector Installation	Substructure/ Pad installation	Equipment Installation	Site Housekeeping	Vehicle/ Equipment Maintenance & Fueling	Hazardous Substance Management	Dewatering/Notify the appropriate local, state or federal agency(ies) and RWQCB when contaminated soil is found at a construction site		
4-08	Dust (Wind Erosion) Control																		
	Other-User Defined																		
	Other-User Defined																		
	Other-User Defined																		

¹ To complete this table please reference SWPP Instructions pages 3 and 4 and Section A.6 of the General Permit.

² At least one or more BMPs must be identified for each activity conducted at a construction site. Reference Table 2 to determine BMPs applicable to the activity being conducted. See SWPPP Instructions pages 3 and 4 if an activity or BMP are not listed.

³ Attachment 6 “BMP Fact Sheets” provides descriptions and details for each BMP listed in Tables 1.

NPDES Order No. CAS _____

TABLE 2¹
Construction Activity and BMP Reference Guide

BMP Reference		Typical Construction Activities Conducted at Small LUP Sites ¹														
BMP Number	BMP Title	Grading	Trenching/ Excavation	Stockpiling	Drilling/ Boring	Concrete/ Asphalt Sawcutting	Concrete Work (e.g., sidewalks, foundations)	Paving	Conduit/ Pipe Installation	Wire/ Cable/ Connector Installation	Substructure/ Pad installation	Equipment Installation	Site Housekeeping	Vehicle/ Equipment Maintenance & Fueling	Hazardous Substance Management	Dewatering Notify the appropriate local, state or federal agency(ies) and RWQCB when contaminated soil is found at a construction site contaminated
Sediment Pollution Prevention Control BMPs																
1-01	Scheduling	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
1-02	Silt Fence	X	X	X	X						X	X				
1-03	Fiber Rolls	X	X	X	X		X				X	X				
1-04	Gravel Bag Berm	X	X	X	X	X	X				X	X				
1-05	Sandbag Barrier	X	X	X	X	X	X				X	X				
1-06	Storm Drain Inlet Protection	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
1-07	Tracking Controls	X	X	X	X	X	X	X	X	X	X	X	X			
1-08	Stockpile Management	X	X	X	X						X		X			
Waste Management and Material Pollution Prevention Control BMPs																
2-01	Material Delivery and Storage	X	X	X	X		X	X	X	X	X	X	X	X	X	
2-02	Material Use	X	X	X	X		X	X	X	X	X	X	X	X	X	
2-03	Spill Control	X	X	X	X	X	X	X				X		X	X	
2-04	Solid Waste Management	X	X	X	X	X	X	X	X	X	X	X	X			
2-05	Hazardous Materials/Waste Management	X	X		X			X	X			X	X	X	X	
2-06	Contaminated Soil Management	X	X		X								X	X	X	X
2-07	Sanitary/Septic Waste	X	X		X	X	X	X	X	X	X	X	X			

¹ This table contains the same activities and BMPs listed in Table 1 and has identified the BMPs that may be implemented for a particular construction activity. This table must be used to complete Table 1, see SWPPP Instructions pages 3 and 4. See SWPPP Instructions pages 3 and 4 if an activity or BMP are not listed.

NPDES Order No. CAS _____

TABLE 2¹
Construction Activity and BMP Reference Guide

BMP Reference		Typical Construction Activities Conducted at Small LUP Sites ¹														
BMP Number	BMP Title	Grading	Trenching/ Excavation	Stockpiling	Drilling/ Boring	Concrete/ Asphalt Sawcutting	Concrete Work (e.g., sidewalks, foundations)	Paving	Conduit/ Pipe Installation	Wire/ Cable/ Connector Installation	Substructure/ Pad installation	Equipment Installation	Site Housekeeping	Vehicle/ Equipment Maintenance & Fueling	Hazardous Substance Management	Dewatering Notify the appropriate local, state or federal agency(ies) and RWQCB when contaminated soil is found at a construction site contaminated
	Management															
2-08	Liquid Waste Management				X	X	X					X	X	X	X	
Non-Storm Water Discharge Pollution Prevention Control BMPs																
3-01	Dewatering Operations		X		X				X		X					X
3-02	Paving Operations			X				X	X		X					
3-03	Vehicle and Equipment Cleaning	X	X		X	X	X	X	X	X	X	X	X			
3-04	Vehicle & Equipment Fueling	X	X		X	X	X	X	X	X	X	X	X	X		
3-05	Concrete/Coring/Sawcutting and Drilling Waste Management		X	X	X	X	X	X	X		X					
3-06	Dewatering Utility Substructures and Vaults		X						X	X		X				
3-07	Vegetation Management including Mechanical and Chemical Weed Control	X	X													
3-08	Over-Water Protection		X			X	X	X	X	X		X				
3-09	Removal of Utility Location/Mark-Out Paint		X		X	X			X		X		X			
Erosion Control and Soil																
4-01	Preservation of Existing	X	X	X	X				X	X	X	X				

¹ This table contains the same activities and BMPs listed in Table 1 and has identified the BMPs that may be implemented for a particular construction activity. This table must be used to complete Table 1, see SWPPP Instructions pages 3 and 4. See SWPPP Instructions pages 3 and 4 if an activity or BMP are not listed.

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TABLE 2¹
Construction Activity and BMP Reference Guide

BMP Reference		Typical Construction Activities Conducted at Small LUP Sites ¹														
BMP Number	BMP Title	Grading	Trenching/ Excavation	Stockpiling	Drilling/ Boring	Concrete/ Asphalt Sawcutting	Concrete Work (e.g., sidewalks, foundations)	Paving	Conduit/ Pipe Installation	Wire/ Cable/ Connector Installation	Substructure/ Pad installation	Equipment Installation	Site Housekeeping	Vehicle/ Equipment Maintenance & Fueling	Hazardous Substance Management	<div><div>Dewatering</div><div>Notify the appropriate local, state or federal agency(ies) and RWQCB when contaminated soil is found at a construction site contaminated</div></div>
	Vegetation															
4-02	Temporary Soil Stabilization	X	X		X					X	X					
4-03	Hydraulic Mulch	X	X							X	X					
4-04	Hydroseeding	X	X							X	X					
4-05	Soil Binders	X	X							X	X					
4-06	Straw Mulch	X	X							X	X					
4-07	Geotextiles, Plastic Covers and Erosion Control Blankets/Mats	X	X	X						X	X					
4-08	Dust (Wind Erosion) Control	X	X	X						X	X					

¹ This table contains the same activities and BMPs listed in Table 1 and has identified the BMPs that may be implemented for a particular construction activity. This table must be used to complete Table 1, see SWPPP Instructions pages 3 and 4. See SWPPP Instructions pages 3 and 4 if an activity or BMP are not listed.

NPDES Order No. CAS_____

**Tier I SWPPP
Instructions****GENERAL INSTRUCTIONS AND INFORMATION**

1. The Tier I Small LUP Storm Water Pollution Prevention Plan (SWPPP) form must be used for all Tier I small LUPs.
2. The discharger or duly authorized representative of a small LUP shall ensure that the preparation, implementation, and oversight of the SWPPP are sufficient for effective pollution prevention.
3. The SWPPP shall be appropriate for the type and complexity of the project and shall be developed and implemented to address project specifics.
4. The SWPPP must be implemented at the appropriate level to protect water quality at all times throughout the life of the project.
5. The SWPPP shall be amended whenever there is a change in construction or operations that may affect the discharge of pollutants to surface waters, ground waters, or a municipal separate storm sewer system (MS4).
6. Each SWPPP ~~and each amendment to a SWPPP~~ shall initially be signed and certified by the discharger or its duly authorized representative and will include the date of initial preparation, ~~and the date of each amendment.~~ Each amendment to a SWPPP shall be signed and dated by the discharger or its authorized representative that has been trained in accordance with Section A.10 of this General Permit.
7. Individuals identified in the Qualified Persons Table are responsible for SWPPP preparation, revision, amendments, implementation, permit compliance, and installation, inspection, maintenance and repair of BMPs and are trained and qualified to perform their tasks.

SWPPP LINE BY LINE INSTRUCTIONS**NOI WDID NO.**

Enter the WDID number assigned to you by the SWRCB upon receipt of your NOI. The WDID number is a number assigned to each discharger covered under the General Permit. If you do not know your WDID number, please call the ~~State Water Board~~ SWRCB or ~~appropriate Regional Water Board~~ RWQCB office and request ~~it~~ A copy of the NOI with the appropriate Waste Discharge Identification (WDID). In addition, the appropriate NOI and LCAN are to be attached to SWPPP.

A. DISCHARGER INFORMATION

Enter the Company's official or legal name (This should correspond with the name on the Notice of Intent submitted for the RWQCB Region), address of the owner, contact person, and contact person's title and telephone number.

B. ~~DULY~~ AUTHORIZED REPRESENTATIVE INFORMATION

Enter the name of the duly authorized representative, their address, contact person, and contact person's title and telephone number. The contact person should be the construction site manager completely familiar with the construction site and charged with compliance and oversight of the general permit or a company storm water representative. ~~This information should correspond with information on the Notice of Intent submitted for the site.~~

C. PROJECT INFORMATION

Enter the project name/reference; the date the LCAN was submitted and that it is attached to the SWPPP (LCANs must be attached to the SWPPP); the project type (above ground, below ground, electric, gas, communication, water/sewer, cable, other); begin and end dates for construction; begin and end dates for rainy season¹; and a project description that shall identify the anticipated construction and BMP implementation sequence, when appropriate, for the type and complexity of the project.

D. PROJECT DETAILS - PROVIDE INFORMATION IN THIS SECTION ONLY WHEN INFORMATION IS DIFFERENT OR HAS NOT BEEN INCLUDED IN THE LCAN

¹ Rainy seasons dates listed by RWQCB jurisdiction:

- Region 1 - rainy season from October 1 through May 1
- Regions 2, 3, & 5 a/b/c - rainy season from October 15 through April 1
- Regions 6 a/b & 7 - rainy season from August 1 through October 1 and from November 1 through May 1
- Regions 4, 8, & 9 - rainy season from October 1 through May 1

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**Tier I SWPPP
Instructions**

1. Enter the total linear distance of the project and the percent of that area which will occur on paved surfaces. Then enter the land area (in acres) to be disturbed by construction activities. The total acres to be disturbed should be equal to the area listed in the LCAN submitted for the project. Use the method listed below for calculating total soil disturbances for Tier I small LUPs. Total land area disturbance shall include the sum of the following:
 - Surface areas of trenches and laterals, plus
 - Area of the base of stockpiles and laydown areas on unpaved surfaces, plus
 - Surface area of the borrow area, plus
 - Soil areas outside the surface area of trenches, laterals and ancillary facilities that will be disturbed by the use of construction equipment, vehicles and machinery during construction activities, plus
 - Any graded areas, plus
 - 25% of the sum of the surface areas of the trench and laterals for electric projects² or 5% of the sum of the surface areas of the trench and laterals for all other projects to account for all ancillary facilities. Alternatively, a discharger may calculate the project specific soil disturbance area for ancillary facilities.
2. Enter the project location by using Thomas Brothers Coordinates, and/ or USGS Coordinates, or Latitude/Longitude. In addition, include appropriate descriptions of landmarks or other types of indicators for project locations that cannot be sufficiently defined by street names, development names, etc.
3. Will there be a direct discharge to receiving waterbody? If yes check "Yes" on the form and if no check "No". If "Yes" is checked on the form then enter the receiving water's or waters' name(s). In addition, if there is to be direct discharge to a receiving waterbody then check to see if the waterbody(ies) is/are listed in Attachment 7, which lists all the currently approved 303 (d) listed waterbodies impaired for sediment/siltation, or turbidity occurring in California. If receiving water for the project is on the list check "Yes" and if not check "No".
4. Projects that are located in areas that are known to have preexisting soil contamination check the box for "Yes" and if not, check the box for "No". If "Yes", notify the appropriate environmental agency(ies) and the appropriate RWQCB(s) office.
5. Will the project result in disturbed land areas that will require soil stabilization BMPs to be installed? If yes check the box marked "Yes" and if no, check the box marked "No". If the box marked "Yes" was checked the construction drawing or other appropriate drawing/map is to show the locations of the soil stabilization BMPs to be installed. Note, all disturbed areas of the construction site must be stabilized prior to termination of coverage under this Permit.
6. The SWPPP shall include a list of names of all contractors, (or subcontractors) responsible for implementation of the SWPPP. This list should include the names, telephone numbers and addresses of contact personnel. Specific areas of responsibility of each subcontractor and emergency contact numbers should also be included. Check this box to indicate a list has been developed.
7. If other plans and/or documents are to be incorporated by reference into the SWPPP, check the box and list the plans and documents that will be attached to the SWPPP here. These plans and/or documents shall be attached prior to the distribution of the SWPPP.

E. QUALIFIED PERSON(S) TABLE

Individuals identified in the Qualified Persons Table are responsible for SWPPP preparation, revision, amendments, implementation, permit compliance, and installation, inspection, maintenance and repair of BMPs and are trained and qualified to perform their tasks. Enter the name(s) of the qualified personnel that will be fulfilling the responsibilities listed here.

F. SWPPP BMPs and DRAWINGS

² Percentage for underground electric projects was provided by an electric company and is an average estimate based on 18 inch and 24 inch trenches. Estimate provided by electric utility company based on actual electric projects is based on an estimate for 18" and 24" wide trenches

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Tier I SWPPP Instructions

1. Check the box here to verify that all construction activities and associated BMPs have been identified in Table 1 and will be implemented at the start of construction activities. This will also verify that Table 2, the Construction Activity and BMP Reference, was used for developing Table 1 of the SWPPP.

~~2. Check the box to verify that a construction drawing or other appropriate drawing/map has been attached to the SWPPP showing the locations of storm drain inlets and waterbodies that may receive discharges from the construction activities and the locations of BMPs to be installed.~~

2. Check the box to verify that SWPPP includes a construction drawing or other appropriate drawing/map showing the locations of storm drain inlets and waterbodies that may receive discharges from the construction activities and will show locations of BMPs to be installed for all those that can be illustrated on the drawing/map. If storm drain inlets, waterbodies, and/ or BMPs cannot be adequately shown on the drawing/map they will be described in detail within the SWPPP.

G. SWPPP PROVISIONS

This section contains provisions that must be implemented at all times during active construction of the Tier I Small LUP construction activities.

H. MONITORING AND REPORTING PROGRAM:

- 1 through 5 a.: Monitoring and Reporting Program elements 1 through 5.a must be implemented at all times during active construction of the Tier I Small LUP.
- 5.b: Check this box if the project site discharges directly to an impaired waterbody listed in Attachment 7 of the General Permit (a "Yes" will have been checked in Box D.5). If this box is checked a sampling and analysis plan for sediment, siltation, and/or turbidity must be implemented. Identify the pollutant the waterbody is impaired for by placing a check in the appropriate box.

ATTACHMENT A: SAMPLING AND ANALYSIS PROGRAM FOR NON-VISIBLE POLLUTANTS

All Tier I small LUPs must implement all Items 1 through 10 on Attachment A, Sampling and Analysis Program for Non-Visible Pollutants when any of the following occur:

- Pollutants associated with construction activities are discharged with storm water runoff due to a spill or in the event there was a breach, malfunction, failure and/or leak of any BMP and the site is not adequately cleaned of materials and pollutants before the rain event, or
- BMPs were not implemented before the rain event occurred, or
- Findings from the daily visual observations determined there is a need to collect samples.

ATTACHMENT B: SAMPLING AND ANALYSIS FOR SEDIMENT SILTATION OR TURBIDITY.

Attachment B, Sampling and Analysis Program for Sediment, Siltation or Turbidity must be implemented if Item D.5 of the SWPPP has been marked "Yes".

Line 2: Enter the name of the impaired waterbody(ies) receiving a direct discharge from the project and identify the pollutant the waterbody is impaired for by placing a check in the appropriate box..

Line 3: Check the appropriate box for the types of sampling and analysis that will be conducted respective to the type(s) of pollutants identified in Line 2.

Lines 4 through 7: These items are to be implemented as written during active construction of the Tier I Small LUP that discharges to an impaired waterbody listed on Attachment 7 of the General Permit.

TABLE 1: CONSTRUCTION ACTIVITIES AND BMP IDENTIFICATION TABLE

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**Tier I SWPPP
Instructions**

Table 1 must be completed and attached to the Tier I SWPPP Form. It is to be used to identify construction activities that will be conducted at the site and the BMPs to be implemented to control or eliminate the discharge of pollutants associated with those activities in storm water runoff. The BMPs identified in this table will be implemented as appropriate, and inspected and maintained to ensure their effectiveness throughout the project. This table may be updated as site conditions change or as additional or revised BMPs are implemented.

Table 1 was created in cooperation with industry representatives and identifies the construction activities that are most commonly conducted at Tier I small LUPs. These activities are identified in the top row of the table. BMPs that may be applicable to the type of activity being conducted are listed along the first column of the table. This is not intended to be an all inclusive list of activities or BMPs. Activities or BMPs not listed may be added to Table 1 as needed and appropriate.

Use the following procedure to complete Table 1:

1. Refer to Table 2, "Construction Activity and BMP Reference Guide." This contains the same exact activities and BMPs provided in Table 1 and has associated the possible BMPs that may be implemented for a particular construction activity.
 - a. Select the type of activity to be conducted at the project.
 - b. An "X" has been placed in the column under the activity to identify the BMP(s) that may be implemented for this activity.
 - c. From the list of marked BMPs select one that is appropriate for your project and activity. BMP Fact Sheets provided in Attachment 6 of the General Permit provides details about type and applicability of each BMP listed in Tables 1 and 2.
2. You will enter an "X" in the appropriate activity column and BMP row into Table 1 once you have selected the appropriate BMP from Table 2.
3. You must identify at least one BMP per activity that will be conducted at the site. You may identify more than one BMP per type of activity when applicable.
4. If Table 1 does not list an activity, you must add the activity to the table. Blank column headings have been provided for this use. If needed, you may attach additional sheets of Table 1 to identify all activities to be covered by the SWPPP.
5. If Table 1 does not list a BMP that will be implemented at the site, you must add the BMP to the table. Blank rows have been provided for this use. If needed, you may attach additional sheets of Table 1 to identify all BMPs to be implemented at the site. When adding new BMPs to the table, always include any appropriated additional BMP reference(s), BMP description(s), drawings or other attachments to describe the BMPs in the SWPPP (reference BMP Fact Sheets in Attachment 6 of the General Permit for the type of information needed for additional BMPs)
6. ~~Note, in accordance with the provisions of the General Permit, you must always notify the appropriate RWQCB when contaminated soil has been found or suspected at a construction site and prior to any dewatering activities. These provisions have been addressed in Table 1. Two BMPs have been permanently associated with the activity "Notify the appropriate local, state, or federal agency(ies) and the RWQCB", these are: All Tier I SWPPPs must always implement the following two BMPs when contaminated soil is encountered and/or prior to initial dewatering to land, storm drains or waterbodies:~~
 - 2-06 "Contaminated Soil Management", and
 - 3-01 "Dewatering Operations"

All Tier I SWPPPs must retain and implement these two activity/BMP references.